

ABSTRACT

[0038] A radiation-transparent die half for a forming die in which a beam outlet from a shaping beam outlet surface is spatially limited by a diaphragm is manufactured in a simpler and more economical manner. Further, a long life is additionally ensured through the possibility of reworking the forming beam outlet surface in combination with effective protection of the diaphragm. According to the invention, the diaphragm is constructed as a radiation-impermeable layer which is enclosed up to its end faces by radiation-transparent material.